

[Rotary Atomizer Coating Distribution Apparatus]

Abstract

A feed system for a rotary coating atomizer formed from two opposed coaxially mounted rotating atomizer assemblies consists of a cylindrical, hollow distributor mounted coaxially between the atomizer assemblies. The distributor contains one or more distributor feed holes formed in each opposing side in proximity to the adjacent atomizer assembly. A hollow axle passes coaxially through the distributor and the atomizer assemblies, and contains one or more axle feed holes beneath each distributor, so that when the coating is fed through the hollow axle it enters the distributor through the axle feed holes and exits the distributor through the distributor feed holes onto the atomizer assemblies.